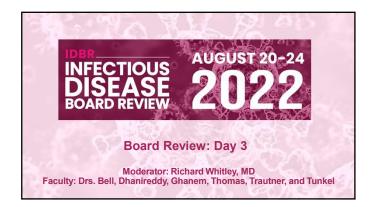
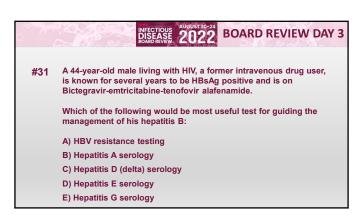
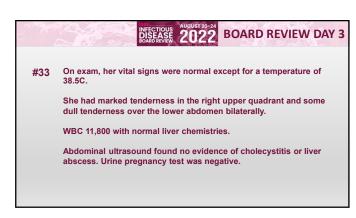
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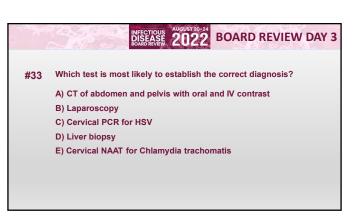




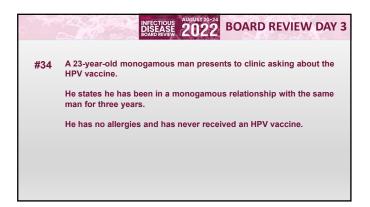
# #32 A 20-year-old college student is seen in the student health service for a four-day illness with fever, sore throat and bilateral cervical lymph node swelling. Which of the following statements is correct about this illness that has now persisted for four days? A) A negative Monospot rules out primary EBV infection B) EBV viral capsid IgM (+), EBV capsid IgG (-), EBNA (+) is consistent with primary EBV infection C) EBV viral capsid IgM (+), EBV capsid IgG (+), EBNA (-) is consistent with primary EBV infection D) A positive EBV PCR of peripheral blood would be diagnostic of acute mononucleosis

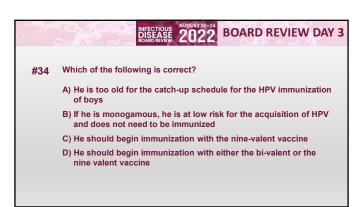




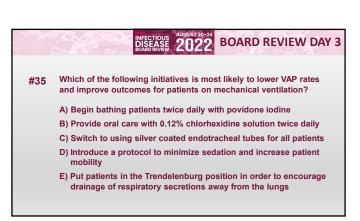


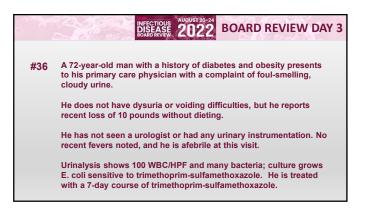
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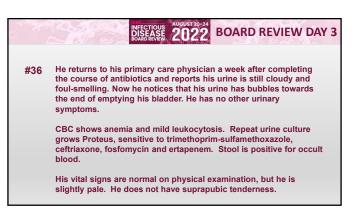




## You've been charged with leading a program to decrease ventilator-associated pneumonia (VAP) rates in the medical intensive care unit. You gather a multidisciplinary team with nurses, doctors, respiratory therapists, pharmacists, physical therapists, and the unit clerk.

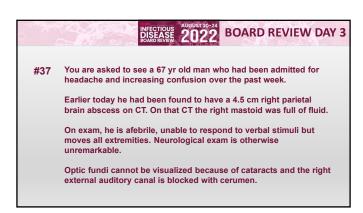


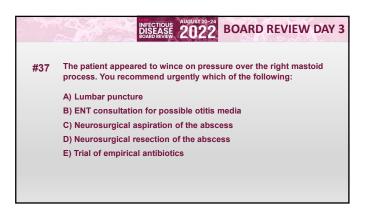


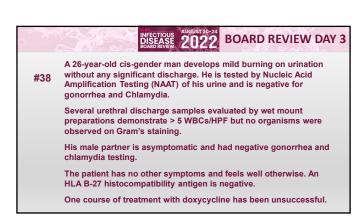


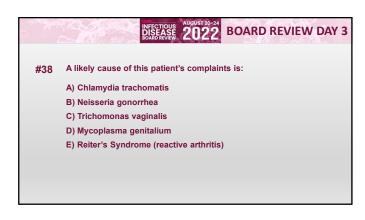
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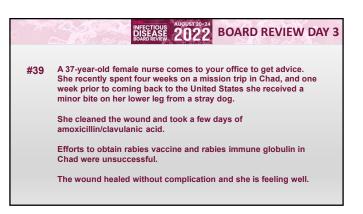




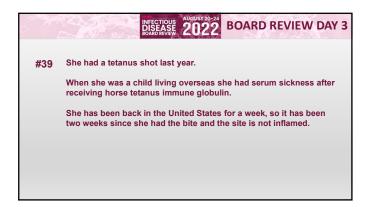


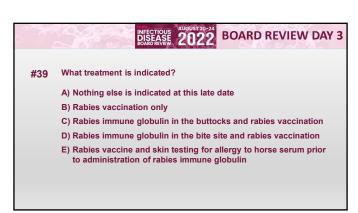


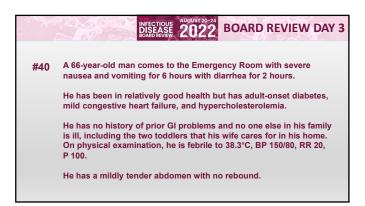




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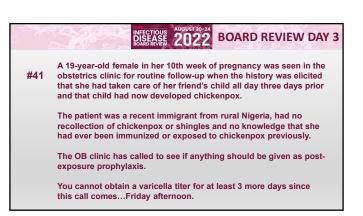




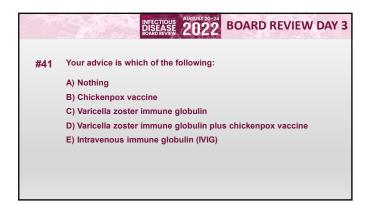


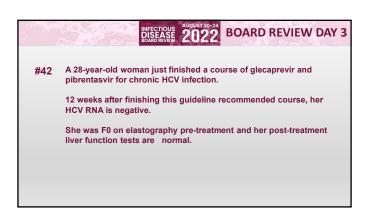


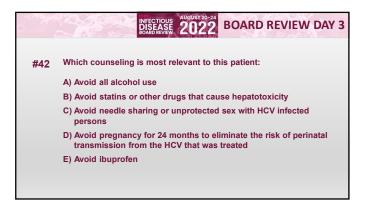


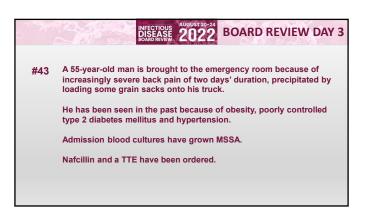


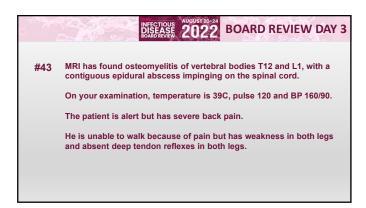
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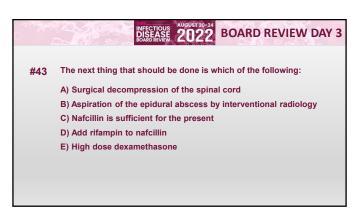




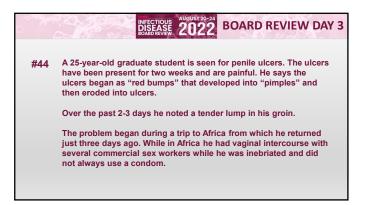


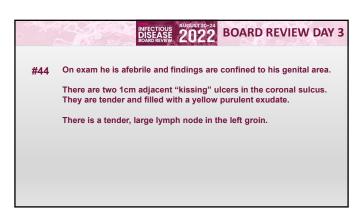






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#44 Which one of the following is the most likely cause of his problem?

A) Treponema pallidum

B) Herpes simplex

C) Chlamydia trachomatis

D) Haemophilus ducreyi

E) Klebsiella (Calymmatobacterium) granulomatis

#45

A 46-year-old man with poorly controlled diabetes presented with fever and acute onset of urinary retention.

In the emergency room, a urinalysis was sent, which revealed 55 WBC/HPF, 10 RBC/HPF. Urine culture, unfortunately, was not performed.

He was diagnosed with UTI and sent home with an indwelling Foley catheter and 10 days of ciprofloxacin. A follow-up visit with urology was requested but was not scheduled to occur until 2 months later.

#45 One month after his ER visit, he came to the clinic to see his regular physician. The urinary catheter was still in place.

He reported feeling hot/sweaty with shaking chills for the past 2 nights, and he also reported new back pain. His measured temperature in the clinic was 104°F.

On examination, he had left-sided costovertebral angle tenderness.

He was admitted to the hospital and started on ciprofloxacin. The urinary catheter was removed, and his post-void residual volume was <100 cc of urine.

#45 His admission urine culture grew Klebsiella pneumoniae and Serratia marcescens.

His admission blood culture (one set) grew Serratia marcescens in both bottles. Both organisms were sensitive to ciprofloxacin.

On hospital day 3, his maximum temperature was 101°F, and he developed right testicular pain/swelling.

Examination revealed a tender mass in the posterior aspect of the right scrotum, with overlying erythema. Scrotal ultrasound revealed right epididymitis.

### **BR3 - Board Preview: Day 3** *Moderator: Richard Whitley, MD*

